

# Lulu Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8347810/publications.pdf>

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14  
papers

191  
citations

1478505

6  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid PCR powered by microfluidics: A quick review under the background of COVID-19 pandemic. TrAC - Trends in Analytical Chemistry, 2021, 143, 116377.	11.4	65
2	Free convective PCR: From principle study to commercial applicationsâ€”A critical review. Analytica Chimica Acta, 2020, 1108, 177-197.	5.4	27
3	Development of a Portable SPR Sensor for Nucleic Acid Detection. Micromachines, 2020, 11, 526.	2.9	26
4	Flexible Electroencephalography Electrode Array for Epileptiform Electrical Activity Recording under Glutamate and GABA Modulation on the Primary Somatosensory Cortex of Rats. Micromachines, 2020, 11, 732.	2.9	15
5	Development of a Surface Plasmon Resonance and Fluorescence Imaging System for Biochemical Sensing. Micromachines, 2019, 10, 442.	2.9	14
6	Methods and platforms for analysis of nucleic acids from single-cell based on microfluidics. Microfluidics and Nanofluidics, 2021, 25, 87.	2.2	14
7	Non-woven fabric-based microfluidic devices with hydrophobic wax barrier. Microsystem Technologies, 2020, 26, 1637-1642.	2.0	6
8	Integration of a multichannel surface plasmon resonance sensor chip and refractive index matching film array for protein detection in human urine. Talanta, 2022, 246, 123533.	5.5	6
9	Programmable thermally actuated wax valve for low-cost nonwoven-based microfluidic systems. Microsystem Technologies, 2020, 26, 3847-3853.	2.0	5
10	Analysis of Biomolecular Interaction Process Based on SPR Imaging Method in Microfluidic Chips. Plasmonics, 2022, 17, 621-631.	3.4	4
11	Seepage Time Soft Sensor Model of Nonwoven Fabric Based on the Extreme Learning Machine Integrating Monte Carlo. Sensors, 2021, 21, 2377.	3.8	3
12	Detection of Kappa Light Chain Protein in Human Urine by Surface Plasmon Resonance. Nanoscience and Nanotechnology Letters, 2019, 11, 1666-1670.	0.4	3
13	Real-Time Detection of LAMP Products of African Swine Fever Virus Using Fluorescence and Surface Plasmon Resonance Method. Biosensors, 2022, 12, 213.	4.7	3
14	The Primary Study for the Integration of Wax-Based Microfluidics on Textile Product. , 2019, , .		0